

In the Claims:

1. A door panel apparatus, comprising:
a first panel member being hollow and comprising a first material;
a first interlocking member disposed on the first panel member, wherein the first panel member and the first interlocking member comprise a first unitary piece;
a second panel member being hollow and comprising a second material; and
a second interlocking member disposed on the second panel member, wherein the second panel member and the second interlocking member comprise a second unitary piece, and wherein the first interlocking member and the second interlocking member interlock with each other to help restrain the first panel member and the second panel member in a substantially coplanar relationship, thereby creating a first door panel.

2. The door panel apparatus of claim 1, wherein the first material is substantially the same as the second material.

3. The door panel apparatus of claim 1, wherein the first material is distinguishable from the second material by a material property of the first material and the second material.

4. The door panel apparatus of claim 3, wherein the material property is toughness.

5. The door panel apparatus of claim 3, wherein the material property is flexibility.

6. The door panel apparatus of claim 3, wherein the material property is tensile strength.

7. The door panel apparatus of claim 3, wherein the material property is hardness.

8. The door panel apparatus of claim 3, wherein the material property is wear resistance.

9. The door panel apparatus of claim 3, wherein the material property is the ability to transmit light.

10. The door panel apparatus of claim 3, wherein the material property is color.

11. The door panel apparatus of claim 3, wherein the material property is ultraviolet light tolerance.

12. The door panel apparatus of claim 3, wherein the material property is surface finish.

13. The door panel apparatus of claim 3, wherein the material property is water resistance.

14. The door panel apparatus of claim 3, wherein the material property is range of temperature tolerance.

15. The door panel apparatus of claim 3, wherein the material property is thermal conductivity.

16. The door panel apparatus of claim 3, wherein the material property is bonding ability.

17. The door panel apparatus of claim 1, wherein the first panel member is non-homogeneous regarding a material property of the first material.

18. The door panel apparatus of claim 17, wherein the material property is toughness.

19. The door panel apparatus of claim 17, wherein the material property is flexibility.

20. The door panel apparatus of claim 17, wherein the material property is tensile strength.

21. The door panel apparatus of claim 17, wherein the material property is hardness.

22. The door panel apparatus of claim 17, wherein the material property is wear resistance.

23. The door panel apparatus of claim 17, wherein the material property is the ability to transmit light.

24. The door panel apparatus of claim 17, wherein the material property is color.

25. The door panel apparatus of claim 17, wherein the material property is ultraviolet light tolerance.

26. The door panel apparatus of claim 17, wherein the material property is surface finish.

27. The door panel apparatus of claim 17, wherein the material property is water resistance.

28. The door panel apparatus of claim 17, wherein the material property is range of temperature tolerance.

29. The door panel apparatus of claim 17, wherein the material property is thermal conductivity.

30. The door panel apparatus of claim 17; wherein the material property is bonding ability.

31. The door apparatus of claim 1, further comprising:

a third panel member being hollow;

a third interlocking member disposed on the third panel member, wherein the third panel member and the third interlocking member comprise a third unitary piece;

a fourth panel member being hollow; and

a fourth interlocking member disposed on the fourth panel member, wherein the fourth panel member and the fourth interlocking member comprise a fourth unitary piece, and wherein the third interlocking member and the fourth interlocking member interlock with each other to help restrain the third panel member and the fourth panel member in a substantially coplanar relationship thereby creating a second door panel, wherein the second door panel is pivotally connected to the first door panel.

32. A method of producing a door panel, comprising:

determining a desired characteristic of the door panel;

producing a first plurality of modular panel members;

producing a second plurality of modular panel members that are interchangeable with the first plurality of modular panel members, wherein the first plurality of modular panel members are distinguishable from the second plurality of

modular panel members by a material property of the first plurality of panel members and the second plurality of panel members;

based on the desired characteristic of the door panel, selecting a first panel member from the first plurality of panel members;

based on the desired characteristic of the door panel, selecting a second panel member from the second plurality of panel members; and

connecting the first panel member to the second panel member.

33. The method of claim 32, wherein the first plurality of modular panel members and the second plurality of modular panel members are hollow.

34. The method of claim 32, wherein the first panel member includes a screen.

35. The method of claim 32, wherein the material property is toughness.

36. The method of claim 32, wherein the material property is flexibility.

37. The method of claim 32, wherein the material property is tensile strength.

38. The method of claim 32, wherein the material property is hardness.

39. The method of claim 32, wherein the material property is wear resistance.

40. The method of claim 32, wherein the material property is the ability to transmit light.

41. The method of claim 32, wherein the material property is color.

42. The method of claim 32, wherein the material property is ultraviolet light tolerance.

43. The method of claim 32, wherein the material property is surface finish.

44. The method of claim 32, wherein the material property is water resistance.

45. The method of claim 32, wherein the material property is range of temperature tolerance.

46. The method of claim 32, wherein the material property is thermal conductivity.

47. The method of claim 32, wherein the material property is bonding ability.

48. The method of claim 32, wherein the step of producing the first plurality of modular panel member involves extruding the first plurality of modular panel members.

49. The method of claim 48, wherein the step of producing the second plurality of modular panel members involves extruding the second plurality of modular panel members.

50. A door panel apparatus, comprising:
a first panel member being hollow and consisting of a first material;
a second panel member consisting of a second material, wherein the first material is distinguishable from the second material by a material property of the first material and the second material; and
a connector interposed between the first panel member and the second panel member to help restrain the first panel member and the second panel member in a substantially coplanar relationship to create a first door panel or a section thereof.

51. The door panel apparatus of claim 50, wherein the material property is toughness.

52. The door panel apparatus of claim 50, wherein the material property is flexibility.

53. The door panel apparatus of claim 50, wherein the material property is tensile strength.

54. The door panel apparatus of claim 50, wherein the material property is hardness.

55. The door panel apparatus of claim 50, wherein the material property is wear resistance.

56. The door panel apparatus of claim 50, wherein the material property is the ability to transmit light.

57. The door panel apparatus of claim 50, wherein the material property is color.

58. The door panel apparatus of claim 50, wherein the material property is ultraviolet light tolerance.

59. The door panel apparatus of claim 50, wherein the material property is surface finish.

60. The door panel apparatus of claim 50, wherein the material property is water resistance.

61. The door panel apparatus of claim 50, wherein the material property is range of temperature tolerance.

62. The door panel apparatus of claim 50, wherein the material property is thermal conductivity.

63. The door panel apparatus of claim 50, wherein the material property is bonding ability.

64. The door panel apparatus of claim 50, wherein the first panel member is non-homogeneous regarding a material property of the first material.